

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	("6361890" or ("6425746") or ("6506512")).PN	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/22 11:49
S2	4	("6361890" or ("6425746") or ("6506512") or ("6338912")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/10 17:16
S3	3	("6361890" or ("6425746") or ("6506512")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/22 11:49
S4	4	("6361890" or ("6425746") or ("6506512") or ("6338912")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/22 11:49
S5	4	S3 or S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/22 16:08
S6	50	(US-4779425-\$ or US-5457785-\$ or US-5022144-\$ or US-5378288-\$ or US-5473512-\$ or US-5619659-\$ or US-5857627-\$ or US-5336059-\$ or US-5428966-\$ or US-5740253-\$ or US-5767447-\$ or US-5812150-\$ or US-5900673-\$ or US-5981085-\$ or US-5985675-\$ or US-6063690-\$ or US-6122177-\$ or US-6180861-\$ or US-6240480-\$ or US-4254820-\$ or US-4258397-\$ or US-4270103-\$ or US-4279853-\$ or US-4279847-\$ or US-4297566-\$ or US-4366713-\$).did. or (US-4369413-\$ or US-4376916-\$ or US-4377788-\$ or US-4385202-\$ or US-4412802-\$ or US-4423609-\$ or US-4429295-\$ or US-4454983-\$ or US-4472762-\$ or US-4499739-\$ or US-4507084-\$ or US-4516563-\$ or US-4518346-\$ or US-4527273-\$ or US-4531364-\$ or US-4532392-\$ or US-4546406-\$ or US-4548466-\$ or US-4553385-\$ or US-4567598-\$ or US-4567646-\$ or US-4581886-\$ or US-4589341-\$ or US-4611746-\$).did.	USPAT	OR	ON	2005/11/22 12:19
S7	99110	hisanaga yamanaka denso	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/22 14:49
S8	75718	"60".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/22 14:49
S9	2	("6230507" or ("6443712")).PN	US-PGPUB; USPAT	OR	OFF	2005/11/22 16:15
S10	175	(60/597).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/22 16:16
S11	114	(60/620).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/22 16:16
S12	16	(60/623).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/22 16:16
S13	220	(60/624).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/22 16:16
S14	501	S10 S11 S12 S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/22 16:18
S15	347	S11 S12 S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/22 17:01
S16	16	S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/22 17:04
S17	154	S10 not S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/22 17:04
S18	99110	hisanaga yamanaka denso	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/22 17:06

## EAST Search History

S19	75718	"60".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/22 17:06
S20	255	S18 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/22 17:06
S21	50	("2197179"   "2375852"   "2565080"   "2585968"   "2880571"   "3007302"   "3090194"   "3238713"   "3570240"   "3673797"   "3830062"   "4224794"   "4351155"   "4393656"   "4748812"   "4800726"   "5033269"   "5896746").PN. OR ("2004/0211180"   "2005/0193734"   "4452043"   "4800726"   "4884407"   "5729978"   "6725662").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/22 17:24
S22	45	("2197179"   "2375852"   "2565080"   "2585968"   "2880571"   "3007302"   "3090194"   "3238713"   "3570240"   "3673797"   "3830062"   "4224794"   "4351155"   "4393656"   "4748812"   "4800726"   "5033269"   "5896746").PN. OR ("2004/0211180"   "2005/0193734"   "4452043"   "4800726"   "4884407"   "5729978"   "6725662")	US-PGPUB; USPAT	OR	ON	2005/11/22 17:24
S23	6	("4803969"   "5131229"   "5729978").PN. OR ("6050094").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/22 17:30
S24	5	("5133188"   "5729978").PN. OR ("5887434").URPN	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/22 17:33
S25	2	("4815282").URPN.	USPAT	OR	ON	2005/11/22 17:37
S26	4	("4815282")	USPAT	OR	ON	2005/11/22 17:37
S27	2	("4996839").URPN.	USPAT	OR	ON	2005/11/22 17:38
S28	3	("4996839")	USPAT	OR	ON	2005/11/23 10:23
S29	4	"2540738".pn,fref.	USPAT; JPO; DERWENT	OR	ON	2005/11/23 10:34
S30	391	\$"92021".pn,fref	USPAT; JPO; DERWENT	OR	ON	2005/11/23 10:25
S31	38	\$"92021".fref.	USPAT; JPO; DERWENT	OR	ON	2005/11/23 10:26
S32	278	\$"92021".pn	JPO; DERWENT	OR	ON	2005/11/23 10:26
S33	67	\$"92021".pn.	JPO	OR	ON	2005/11/23 10:26
S34	107	S29 S31 S33	USPAT; JPO	OR	ON	2005/11/23 10:33
S35	1	"55" adj "99561"	USPAT; JPO	OR	ON	2005/11/23 10:33
S36	2	"2540738" not "2540738".pn,uref.	USPAT; JPO; DERWENT	OR	ON	2005/11/23 10:34
S37	13	("4823560"   "4876856"   "5129236"   "5275014"   "5313874"   "5336059"   "5509274"   "6237356"   "6349551"   "6606848"   "6615585"   "6637183"   "6644011").PN. OR ("6935129").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/23 10:35
S38	14	("4823560"   "4876856"   "5129236"   "5275014"   "5313874"   "5336059"   "5509274"   "6237356"   "6349551"   "6606848"   "6615585"   "6637183"   "6644011").PN. OR ("6935129")	US-PGPUB; USPAT	OR	ON	2005/11/23 10:35
S39	2	"2003" adj "122280"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 11:38
S40	113811	sasaki	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 11:38
S41	90996	sasaki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 11:39
S42	15650	Inaba.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 11:39
S43	23800	Yamanaka.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 11:39

## EAST Search History

S44	2163	Torigoe.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 11:40
S45	4	S41 and S42 and S43 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 11:40
S46	4	(S42 and S43 and S44) (S41 and S43 and S44) (S41 and S42 and S44) (S41 and S42 and S43)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/23 11:41
S47	302	(60/618).CCLS	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/23 11:48
S48	10	("2385366"   "2465099"   "2580591"   "2755618"   "3080704").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/28 15:38
S49	5	("2385366"   "2465099"   "2580591"   "2755618"   "3080704").PN	US-PGPUB; USPAT	OR	ON	2006/04/28 15:39
S50	31	("2385366"   "2465099"   "2580591"   "2755618"   "3080704" "4996839")	US-PGPUB; USPAT	OR	ON	2006/04/28 15:39
S51	6	("2385366"   "2465099"   "2580591"   "2755618"   "3080704" "4996839").pn	US-PGPUB; USPAT	OR	ON	2006/04/28 15:39
S52	25	S50 not S51	US-PGPUB; USPAT	OR	ON	2006/04/28 15:44
S53	12	"827246"	US-PGPUB; USPAT	OR	ON	2006/04/28 15:44
S54	2	"827246"	US-PGPUB	OR	ON	2006/04/28 15:44